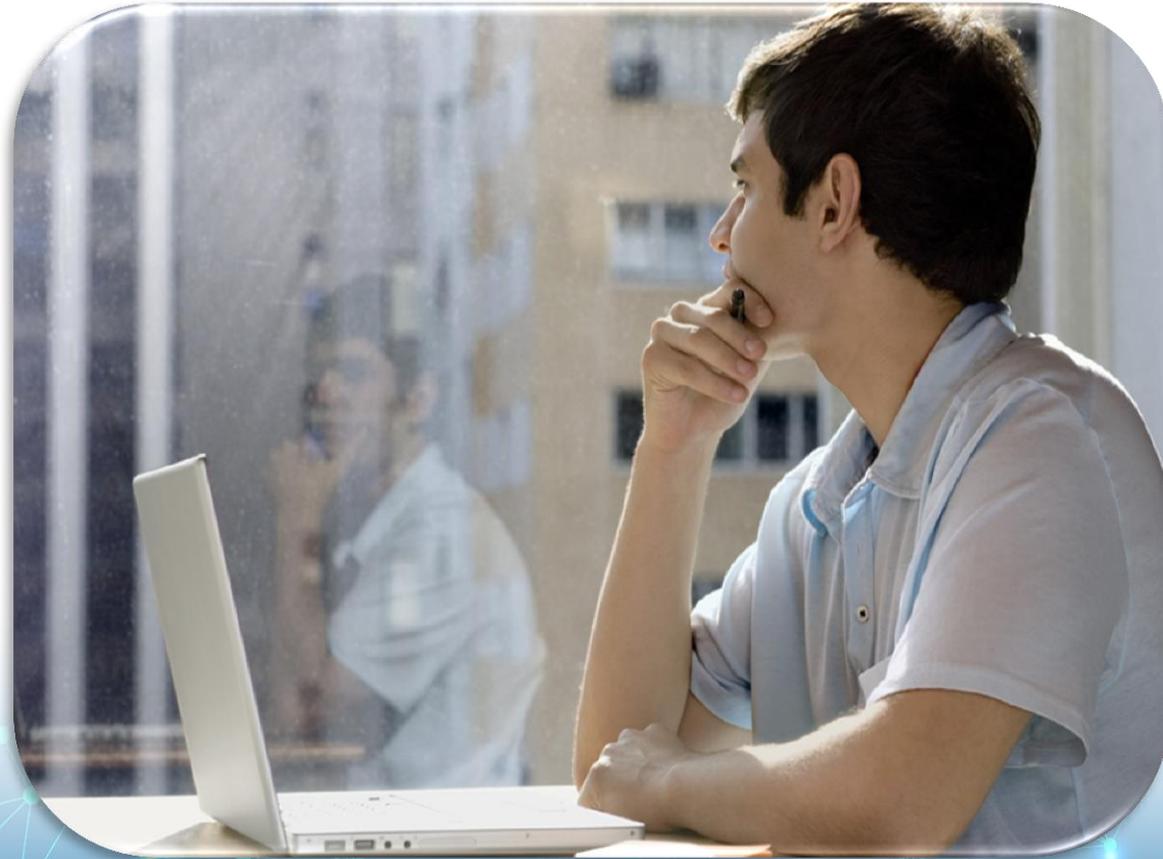




Cybersecurity Shorts: Short Cyber Training Videos for Today's Workforce

Dr. Kelly S. Wright, CISSP
Instructional Systems Specialist
IT Workforce Development (ITWD)
Office of Information & Technology
Department of Veterans Affairs

Why “Shorts”



Secure Hash Algorithms

SHA Variants	Publiah Date	Output Size
SHA-0	1993	160 bit
SHA-1	1995	160 bit
SHA-2	2001	224-512 bit
SHA-3	2012	224-512 bit

Secure Hash Algorithms

The diagram illustrates the interaction between a User and a Certificate Authority (CA). A User sends a Certificate Request to the CA. The CA then issues a Certificate back to the User.

Certificate Authority

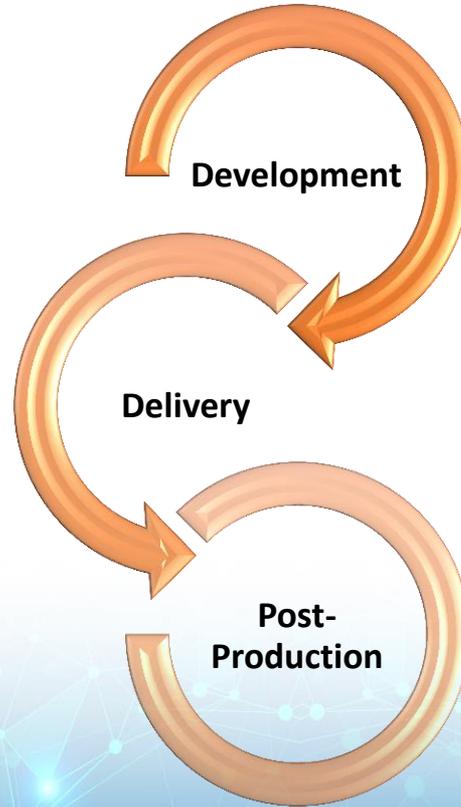
Remember!
The term "attack surface" refers to the software and services running on a system.

Determine Attack Surface

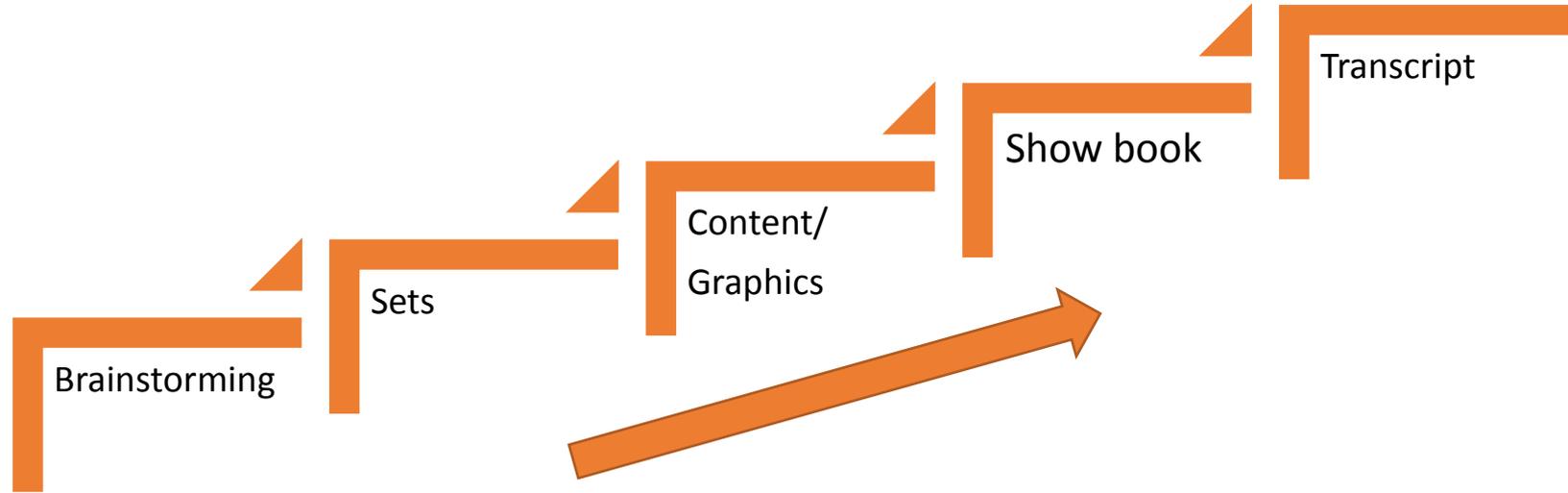
The diagram shows four risk response strategies: MITIGATE, TRANSFER, ACCEPT, and IGNORE. A central red 'X' labeled 'RISK' is positioned over the ACCEPT and IGNORE boxes, indicating that these strategies are not recommended for handling risk.

Responses to Risk

What's Involved?



What's Involved?



Development



Brainstorming



Studio Equipment



Sets



Mockups – Cybersecurity Set



CAM3



CAM1



FS PPT



CAM2

Content/Graphic Development

- Content is content but ...
Writing for the ear is different
- Formal writing vs. informal (conversational) speaking
- Acronyms, Contractions



Content/Graphic Development

- Space for captions?
- Why do we have the graphic?
 - ✓ Does the graphic convey meaning?
- 508 compliance
 - ✓ How complicated is the graphic
 - ✓ Audio description

<Name-of-Course>·SHOWBOOK.....

|<MM/DD/YYYY>·<Name-of-Course>::FORMAT::<Name-of-Format>¶

Note: Text in blue is indicative of text that needs to be customized by the writer. Please change all text to black after customization, and delete this Note prior to final submission. ¶

¶

TIME ^α	LENGTH ^α	EVENT ^α	PRESENTER	SCRIPT	SEGMENT	ELEMENTS ^α	Description ^α
SHOWBOOK NOTES ¶							
							○→ PROJECT LEAD:·Name¶
							○→ VIRTUAL EVENT PRODUCER (VEP):·Name¶
							○→ FLOOR DIRECTOR:·Name¶
							○→ VIRTUAL SET:·Name¶
							○→ TALENT (STANDING OR SEATED):·<Seated/Standing; #·presenters>¶
							○→ PRESENTERS:·<First-Name, ·Last-Name-or-placeholder-title>¶
							○→ LOWER THIRDS(#):·Event numbers--e#¶
							¶
							○→ SOCIAL MEDIA PREP:·Event numbers--e#·<Enter description of any items such as seed questions or items that SMC has to prepare>¶
							○→ CHATS(#):·Event numbers--e#¶
							○→ POLLS(#):·Event numbers--e#¶
							○→ GO TO MEETING:·Event numbers--e#¶
							○→ SET CHANGES:·Event numbers--e#·<Describe.>¶
							○→ VIDEOS(#):·events·Event numbers--e#·¶
							○→ MISCELLANEOUS:·<Describe/List any special events related to the course delivery>¶
							¶
							Developed with VA-IT Campus Standards version <Version Number>, <Date> ^α

TIME#	LENGTH#	EVENT#	PRESENTER·SCRIPT·--SEGMENT--ELEMENTS#	Description#
☐	☐	1. → ☐	PROGRAM·BEGINS¶ ☐	☐
☐	☐	2. → ☐	VIDEO·ROLL-IN·#¶ IN·CUE:·"····"¶ OUT·CUE:·"····"¶ ☐	VIDEO·ROLL-IN·#¶ Filename:¶ TRT¶ ¶ ☐
☐	☐	3. → ☐	☐	FS·PPT·#1·(SHOW·TITLE)¶ <Insert·image·of·Slide·#1>¶ ¶ ¶ ☐
☐	☐	4. → ☐	<PRESENTER·NAME>·(CAM·NUMBER·HERE)¶ <Insert·Script>¶ ·☐	CAM·CUE·HERE¶ SLIDE·#·HERE¶ ¶ LOWER·THIRD·ID<PRESENTER1·NAME>¶ ¶ ☐
☐	☐	5. → ☐	<PRESENTER·NAME>·(CAM·NUMBER·HERE)¶ <Insert·Script>¶ ☐	CAM·CUE·HERE¶ SLIDE·#·HERE¶ ¶ LOWER·THIRD·ID<PRESENTER2·NAME>¶ ¶ ☐
☐	☐	6. → ☐	<PRESENTER·NAME>·(CAM·NUMBER·HERE)¶ <Insert·Script>¶ ¶ ☐	CAM·CUE·HERE¶ SLIDE·#·HERE¶ ¶ ¶ ¶ ☐

SHOW BOOK

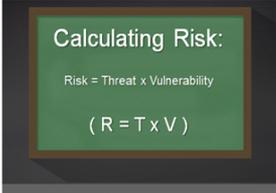
VA-IT-Campus--"Cybersecurity-Shorts--Risk-Calculations"

TIME	LENGTH	EVENT	PRESENTER-SCRIPT--SEGMENT--ELEMENTS	Description
CHECKLIST				
<ul style="list-style-type: none"> ➤ - CHATS: (0) ➤ - DEMO: None ➤ - DOWNLOADS (1): <ul style="list-style-type: none"> ○ - Course Reference Handout ➤ - GO-TO-MEETING: None ➤ - LOWER-THIRDS: -Event-6--Dr.-Kelly-Wright,-CISSP;-Lou-DiPaola,-CISSP--both-virtual-VA-IT-Campus-Team ➤ - MISCELLANEOUS: ➤ - POLLS(0): None ➤ - SPEAKERS: -<Kelly-Wright>,-<Lou-DiPaola> ➤ - SET-CHANGES: None ➤ - TALENT: -Standing- Two presenters ➤ - VIDEOS: None 				
PREP		1. →	LIVE FEED BEGINS--SIGNAL TESTING	CAMERA ANGLES PRESET CAM-3 WIDESHOT-2 PRESENTER1/PRESENTER2- STANDING

SHOW BOOK ¶

TIME	LENGTH	EVENT	PRESENTER SCRIPT -- SEGMENT -- ELEMENTS	Description
				OTS PPT ¶ ¶ CAM 1 GUEST AND LARGE OTS PPT ¶ ¶ VIDEO ROLL INS LOADED
PREP		2. →	LIVE CAPTIONING FEED TEST -- PHONE PATCH AND URLS	LIVE CAPTIONING SET UP ¶ ¶
1:45:00	00:15:00	3. →	CAMPUS DOORS OPEN ¶ ¶ PRE SHOW VIDEOS ROLL (ICON LOOP/APPLE TV) ¶ ¶	VIDEO ROLL IN PRE SHOW ICONS ¶ ¶ SET BKGD #1 ¶ ¶ SET BKGD #2 CAM 3 ¶ ¶ SET BKGD #3 CAM 1 (GUEST 1/2) ¶ ¶ INTO POSITION: ¶ PRESENTER1 STANDING ¶ ¶ INTO POSITION: ¶ PRESENTER2 STANDING
		4. →	PROGRAM BEGINS ¶ ¶	
2:00:00	00:01:45	5. →	VIDEO ROLL IN #1 OPENING TITLE ¶ ¶ OUT CUE: " (FADE PM TITLE AUDIO AND VIDEO)"	VIDEO ROLL IN #1 TITLE ¶ ¶Place Holder for Animation
		6. →	<KELLY>(3) ¶ Hello everyone and welcome to cybersecurity shorts. My name is Kelly Wright. I'm a CISSP and a member of the virtual VA IT Campus team. With me today is Lou DiPaola who is also a CISSP. Today, we're going to discuss risk calculations. There is a course handout available so be sure to download it. ¶ ¶	CAM3 WS OTS PPT ¶ Slide #1 ¶ 

SHOW BOOK ¶

TIME	LENGTH	EVENT	PRESENTER SCRIPT -- SEGMENT -- ELEMENTS	Description
				<p>.....LOWER THIRD ID KELLY ¶</p> <p>.....FADE LOWER THIRD ¶</p> <p>¶</p> <p>.....LOWER THIRD ID LOU ¶</p> <p>.....FADE LOWER THIRD</p>
1:00	0:30	7. →	<p><LOU>(3)¶</p> <p>There's a simple, general formula used when calculating risk: Risk = Threat x Vulnerability ¶</p> <p>[TURN]</p>	<p>CAM3-WS-OTS-PPT ¶</p> <p>Slide #2 ¶</p>  <p>Calculating Risk</p>
1:30	0:30	8. →	<p><LOU>(2)¶</p> <p>Threats are all around us but if there are no vulnerabilities, our risk is low. For example, we all know there are sharks in the ocean. Sharks can be seen as a threat and if you go in the ocean, you are vulnerable to shark attack so there is some risk that you may be attacked. But if you don't go to the ocean, then you really are not vulnerable to shark attack, so your risk is low. Unless there is a "sharknado" like on TV. In my case, sharks do not pose a threat to me. My area has lots of deer and I would be more likely to be injured by a deer than by a shark. So for me, I have a greater risk of deer attack than shark attack. ¶</p> <p>[TURN]</p>	<p>CAM2-CU-<LOU>-OTS-PPT ¶</p> <p>Slide #2 (SAME) ¶</p> <p>¶</p>
2:00	0:30	9. →	<p><LOU>(3)¶</p> <p>In any case, the point here to remember is that Risk equals Threat times Vulnerability. ¶</p>	<p>CAM3-WS-OTS-PPT ¶</p> <p>Slide #2 (SAME) ¶</p>
2:30	0:30	10. →	<p><KELLY>(3)¶</p> <p>Risk identification and calculation are essential parts of an organizational security effort. ¶</p>	<p>CAM3-WS-OTS-PPT ¶</p> <p>Slide #2 (SAME) ¶</p>

Transcript Creation

- Taken directly from Show Book
 - ✓ Simple word document
 - ✓ No extra lines
- Things to remember
 - ✓ Normal formatting may not work
 - ✓ People need to breathe
 - ✓ Pronunciation & mispronunciation

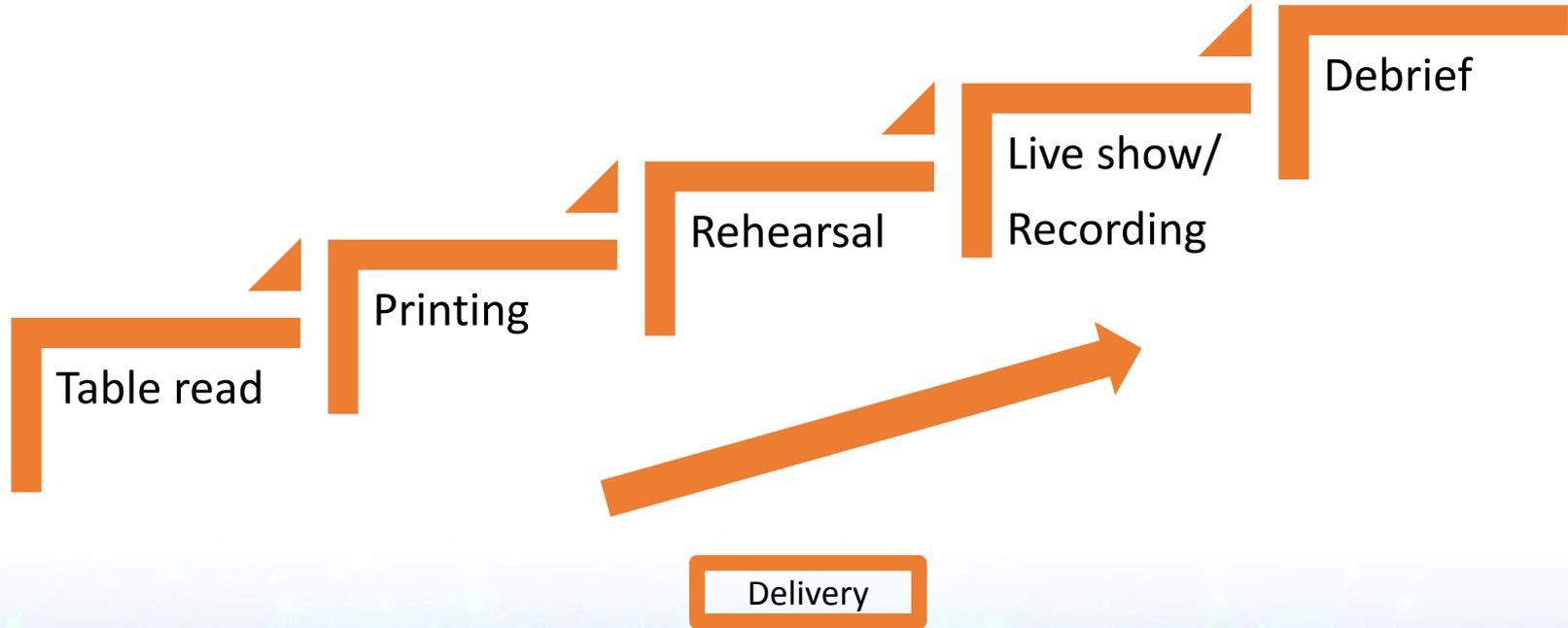


Transcript Creation

- CCMP stands for Counter-mode, Cipher Block Chaining, Message Authentication Code, Protocol
- as fe80::218:deff:fe08:6e14 (F-E-eighty colon colon two hundred eighteen colon D-E-F-F colon F-E-zero eight colon six E fourteen).



What's Involved?

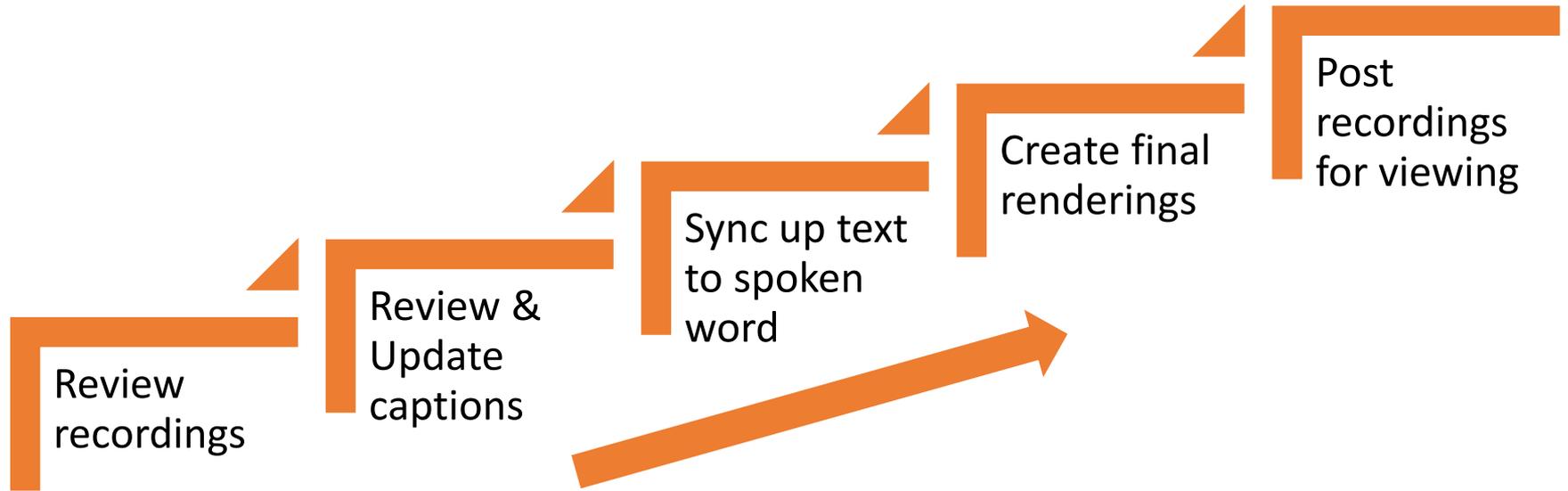


Our Studio Environment

- Equipment purchased
 - ✓ Green screen
 - ✓ Lights
 - ✓ Cameras
 - ✓ Teleprompters
 - w/adjustable stands
 - ✓ Audio
 - ✓ Tri-caster



What's Involved?



Post-Production

Questions



Contact Information

Dr. Kelly Wright, CISSP
Instructional Systems Specialist
IT Workforce Development
Office of Information & Technology
Department of Veterans Affairs

Kelly.Wright7@VA.gov

304-260-6842

